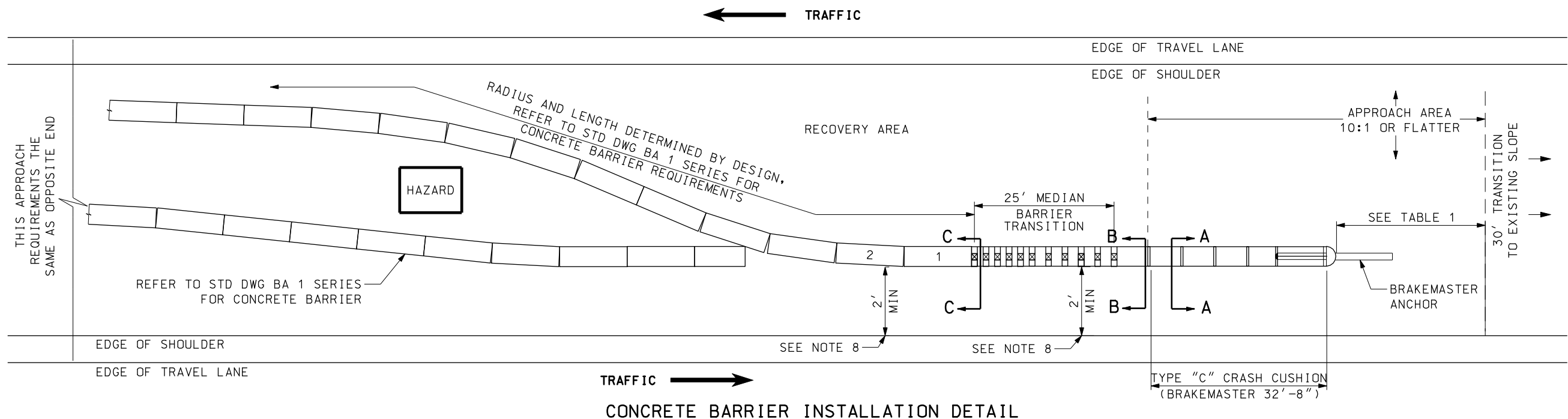
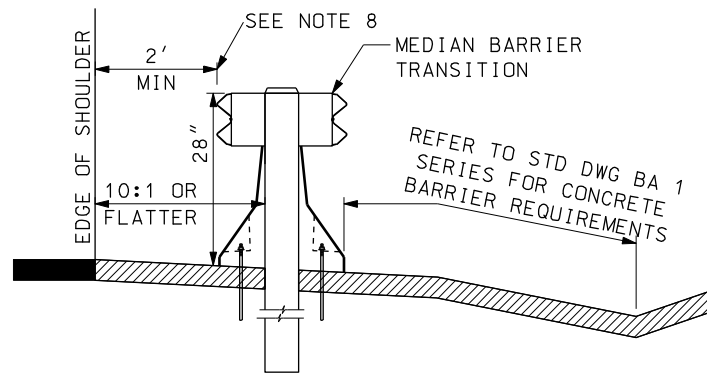


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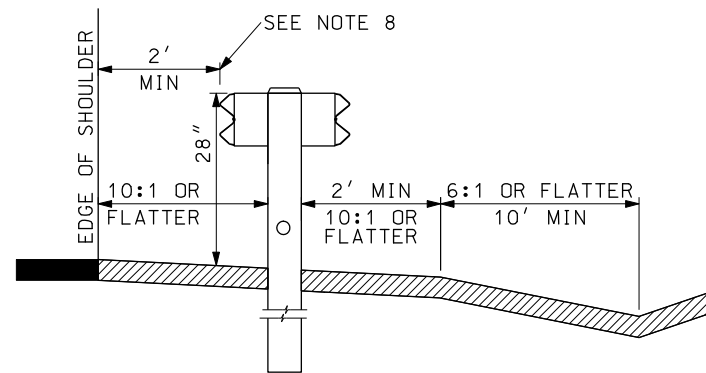


TRAFFIC →

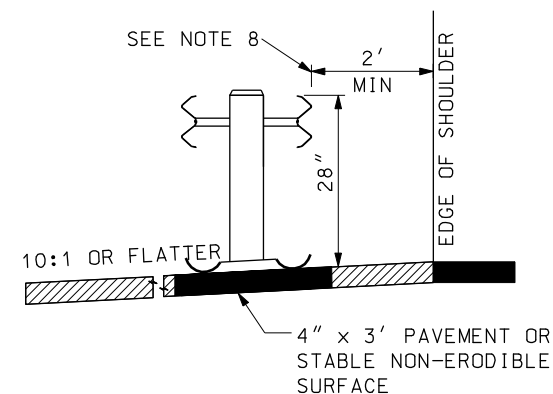
CONCRETE BARRIER INSTALLATION DETAIL



SECTION C-C
PIN BARRIER SECTION 1 AND 2
WITH STABILIZATION PINS



SECTION B-B
DRILL 2" HOLES IN MEDIAN BARRIER TRANSITION
OR MEDIAN BARRIER AS SPECIFIED BY MANUFACTURER



SECTION A-A

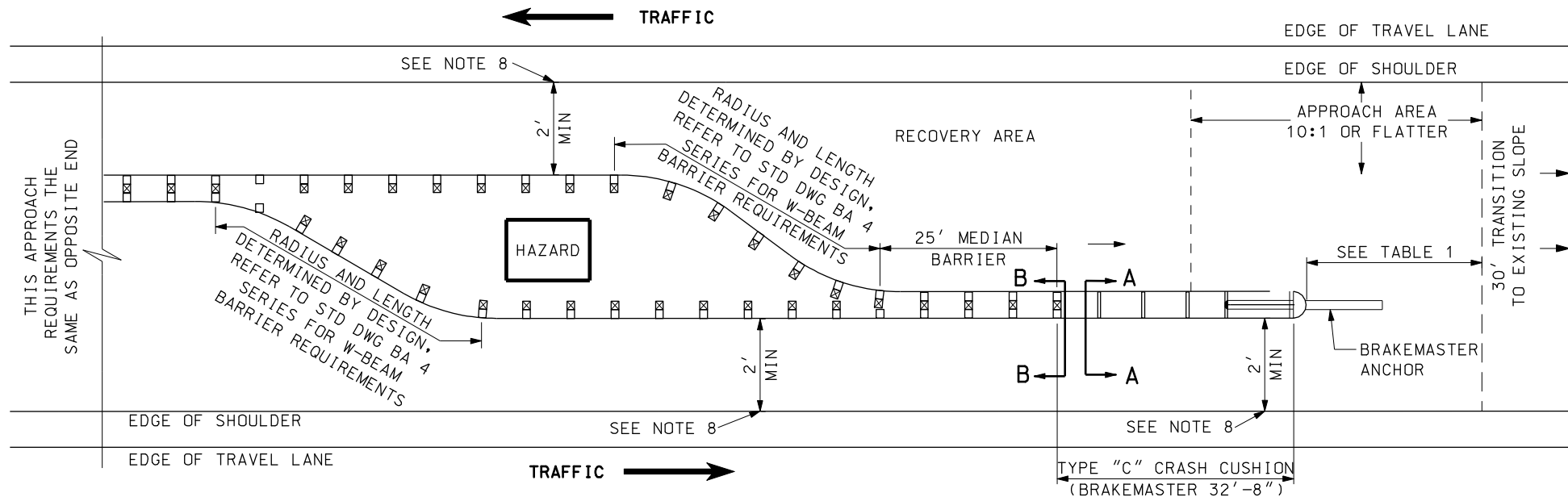
TABLE 1	
SPEED MPH	TAPER
LESS THAN 40	7:1
40 TO 55	10:1
60 TO 75	15:1

NOTES:

1. THE BRAKEMASTER, MANUFACTURED BY ENERGY ABSORPTION SYSTEM. SEE UDOT'S GUIDELINES FOR SPECIFIC SYSTEM DETAILS.
2. INSTALL SYSTEMS AS PER UDOT'S AND MANUFACTURER'S SPECIFICATIONS.
3. HAVE SHOP DRAWING AVAILABLE ON SITE FOR REFERENCE DURING INSTALLATION.
4. USE 4" STABLE NON-ERODIBLE OR PAVED SURFACE FOR BRAKEMASTER SYSTEMS.
5. COMPLETE SLOPE PREPARATION PRIOR TO INSTALLING SYSTEM.
6. CLEAR RECOVERY AND APPROACH AREAS OF ANY FIXED OBJECTS. DO NOT PLACE SIGNS OR POLES IN APPROACH AREA. SIGNS OR POLES PLACED IN THE RECOVERY AREA WILL BE BREAKAWAY AND BE A MINIMUM 10 FEET FROM SYSTEM RAIL ELEMENTS.
7. INSTALL REQUIRED MARKINGS AS PER STD DWG CC 1.
8. WHEN ROADWAY DESIGN REQUIRES A 12' OR WIDER EFFECTIVE SHOULDER THE 2' MIN BARRIER OFFSET IS OPTIONAL.

SUPPLEMENTAL DRAWING

W-BEAM GUARDRAIL BARRIER INSTALLATION DETAIL



REVISIONS		NO.	DATE	APPR.	REMARKS
1	10-30-08	MEE			ADDED NOTE 8 AND SEVERAL EDITORIAL UPDATES. REVISED TABLE 1. CHANGED NON-PERMEABLE TO STABLE NON-ERODIBLE.

UTAH DEPARTMENT OF TRANSPORTATION		OCT.30,2008	
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION		DATE	
SALT LAKE COUNTY		OCT.30,2008	
RECOMMENDED FOR APPROVAL		DATE	
CHAIRMAN STANDARDS COMMITTEE		OCT.30,2008	
APPROVED		DATE	
DEPUTY DIRECTOR		OCT.30,2008	

GRADING AND
PLACEMENT DETAILS
CRASH CUSHION
TYPE C
BRAKEMASTER

STD DWG
CC 5A

STANDARD DRAWING TITLE